



SPYWOLF

Security Audit Report



Completed on
September 26, 2022

MADE IN USA 

@SPYWOLFNWORK



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SPYWOLF.CO





OVERVIEW

This audit has been prepared for **ViceWrld** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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ViceWorld

VICEWORLD DAO

PROJECT DESCRIPTION

According to their whitepaper:

VICEWORLD DAO's vision is to help evolve adult industry into Web3.

The DAO as part of its full roadmap will focus on three core areas such as:

- VICEWORLD Productions – adult content creation
- VICEWORLD NFT – launch service for adult creators and companies
- VICEWORLD Adult Metaverse

Release Date: Presale starts on Sep, 2022

Category: Metaverse / NFT

01



CONTRACT INFO

Token Name
ViceWRLD DAO

Symbol
VICEDAO

Contract Address
0xA062fe972fA299978303d2dde87093360D0EFbF3

Network
Binance Smart Chain

Language
Solidity

Deployment Date
Sep 21, 2022

Verified?
Yes

Total Supply
1,000,000,000

Status
Not launched

TAXES

Buy Tax
4%

Sell Tax
20%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of Sep 26, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
100,000,000

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	1000000000 VICEDAO
Median Transfer Amount	1000000000 VICEDAO
Average Transfer Amount	1000000000 VICEDAO
First transfer date	2022-09-25
Last transfer date	2022-09-25
Days token transferred	1

SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2022-09-25 14:30:59 UTC
Created	2022-09-25 14:30:59 UTC
Create TX	0xd94bd4707e8127602fac1729d03cf41c8cf1169d046ec67e7e04696ec49de556
Creator	0xb662fd9fc992d6b5f0e7536fd66c5e8ac0cc0012

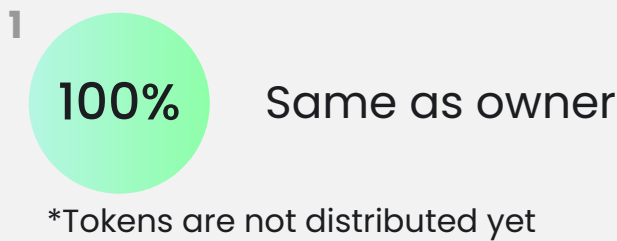


FEATURED WALLETS

*Owner address	0xb662fd9fc992d6b5f0e7536fd66c5e8ac0cc0012
*Ecosystem wallet	0xa89ccd941f12bb0f1841e0dd1694235b07df0fd8
*Marketing wallet	0xa89cCD941F12Bb0F1841e0Dd1694235B07df0fD8
LP address	Liquidity not added yet

*Address can be changed in future

TOP 3 UNLOCKED WALLETS





VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



⚠ Medium Risk

Potential large array looping.

```
function multiSendTokens(
    address[] memory accounts,
    uint256[] memory amounts
) external {
    require(accounts.length == amounts.length, "Lengths do not match.");
    for (uint8 i = 0; i < accounts.length; i++) {
        require(_tOwned[msg.sender] >= amounts[i]);
        _transfer(msg.sender, accounts[i], amounts[i] * 10**_decimals);
    }
}

function multiSendPercents(
    address[] memory accounts,
    uint256[] memory percents,
    uint256[] memory divisors
) external {
    require(
        accounts.length == percents.length &&
        percents.length == divisors.length,
        "Lengths do not match."
    );
    for (uint8 i = 0; i < accounts.length; i++) {
        require(
            _tOwned[msg.sender] >= (_tTotal * percents[i]) / divisors[i]
        );
        _transfer(
            msg.sender,
            accounts[i],
            (_tTotal * percents[i]) / divisors[i]
        );
    }
}
```

- Recommendation:
 - Good practice while looping through dynamic arrays of unknown size to avoid denial of service (DOS) is to put limitation of either array iterations and/or gas limit, less than the current block gas limit. Current gas block limit can be found at <https://bscscan.com/blocks>
Further reference: <https://swcregistry.io/docs/SWC-128>



⚠ Medium Risk

Owner can set buy/sell/transfer fees up to 20%.
Combined buy+sell=40%.

```
StaticValuesStruct public staticVals =  
StaticValuesStruct({  
    maxBuyTaxes: 2000,  
    maxSellTaxes: 2000,  
    maxTransferTaxes: 2000,  
    masterTaxDivisor: 10000  
});  
  
function setTaxes(  
    uint16 buyFee,  
    uint16 sellFee,  
    uint16 transferFee  
) external onlyOwner {  
    require(  
        buyFee <= staticVals.maxBuyTaxes &&  
        sellFee <= staticVals.maxSellTaxes &&  
        transferFee <= staticVals.maxTransferTaxes  
    );  
    _taxRates.buyFee = buyFee;  
    _taxRates.sellFee = sellFee;  
    _taxRates.transferFee = transferFee;  
}
```

- Recommendation:
 - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.



Informational

Owner can exclude address from fees.

```
function setExcludedFromFees(address account, bool enabled)
    public
    onlyOwner
{
    _isFeeExcluded[account] = enabled;
}
```

Owner can change max transaction limit, but cannot lower it than 0.1% of total supply.

```
function setMaxTxPercent(uint256 percent, uint256 divisor)
    external
    onlyOwner
{
    require(
        (_tTotal * percent) / divisor >= (_tTotal / 1000),
        "Max Transaction amt must be above 0.1% of total supply."
    );
    _maxTxAmount = (_tTotal * percent) / divisor;
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Vice WrlD

GOOD PRACTICES FOUND

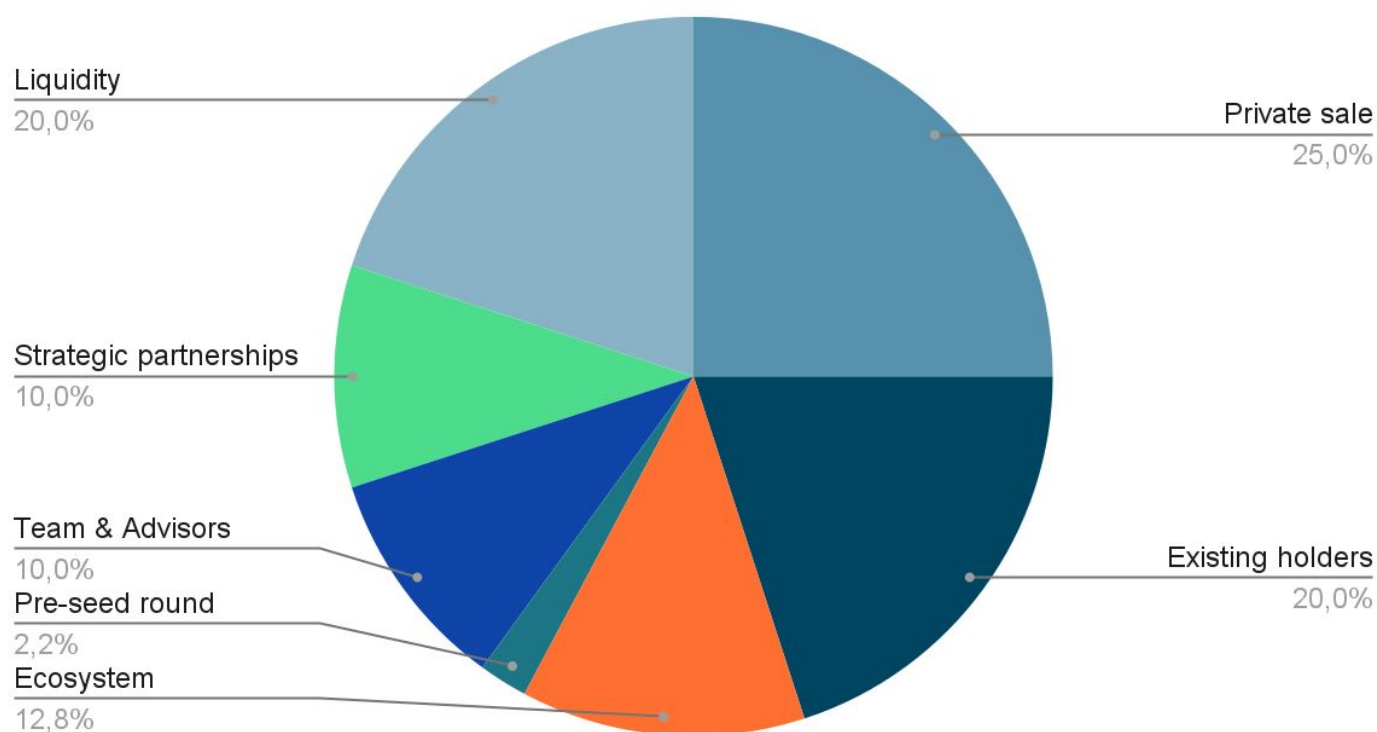
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner can set a transaction limit, but can't lower it than 0.1% of total supply



*The following tokenomics are based on the project's whitepaper and/or website:

- 25% - Private/Presale
- 20% - Existing holders
- 12.8% - Ecosystem development
- 2.2% - Pre-seed round
- 10% - Team & Advisors
- 10% - Strategic partners
- 20% - Liquidity

Tokens distribution



TOKENOMICS



THE TEAM

✓ The team at VICEWRLD is publicly doxxed.

VICEWRLD was founded by and is being developed with the oversight of Jordanna Foxx. Scouted by a modelling agency in London at 17 Jordanna has spent 20 years in the adult industry, working as a dancer, model, actress, presenter, and dominatrix.

The Founders



Jordanna Foxx
CEO



Ant
CSO



Ben Fraden
CBO



WEBSITE

Website URL

<https://vicewrld.com/>

Domain Registry

<https://www.godaddy.com>

Domain Expiration

Expires on 2023-05-16

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design,
appropriate color scheme
and graphics.

Content

The information helps new
investors understand what
the product does right away.
No grammar mistakes
found.

Whitepaper

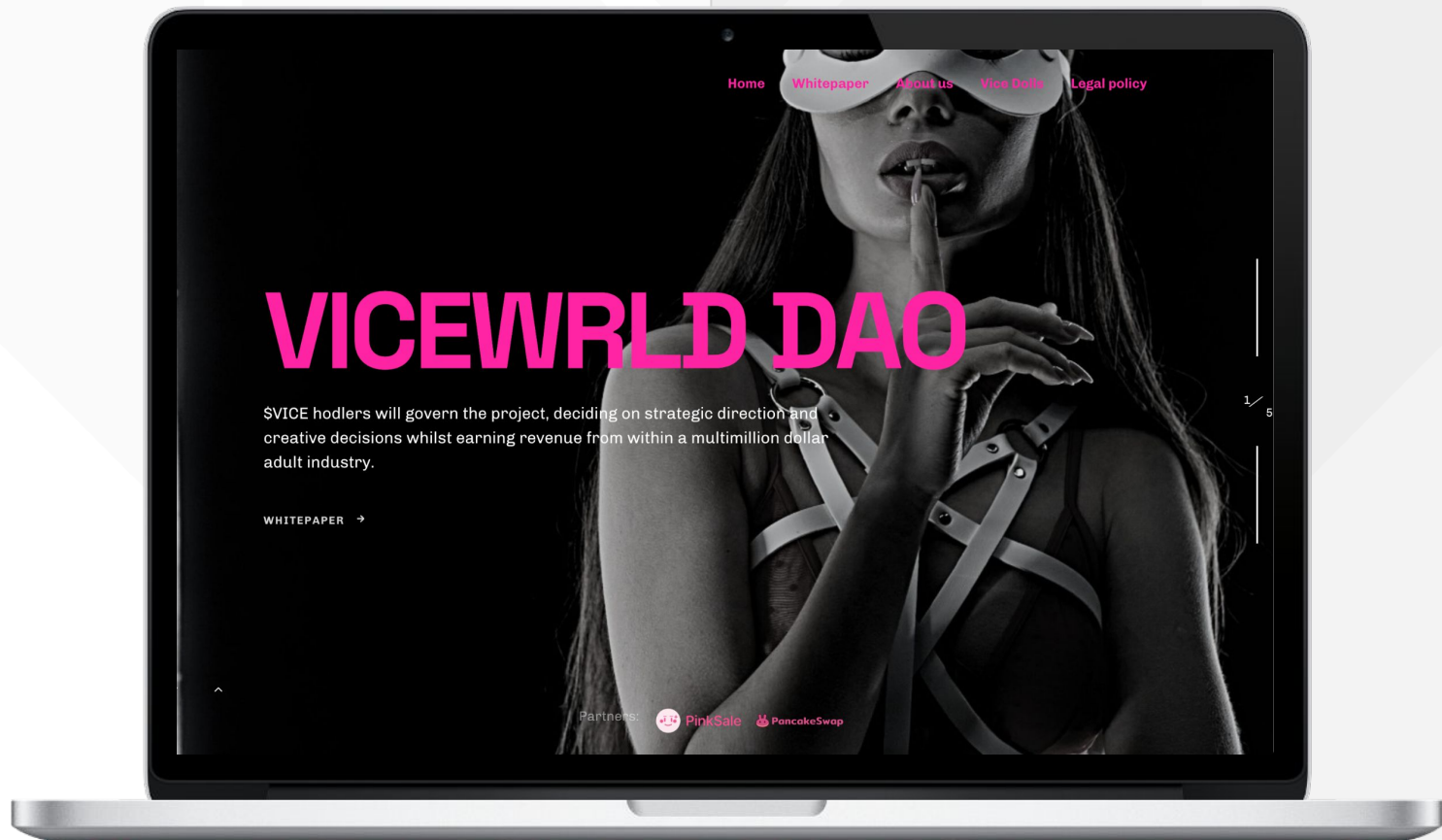
Well written, explanatory.

Roadmap

Yes, goals set at 4 phases
with time frames.

Mobile-friendly?

Yes



vicewrld.com

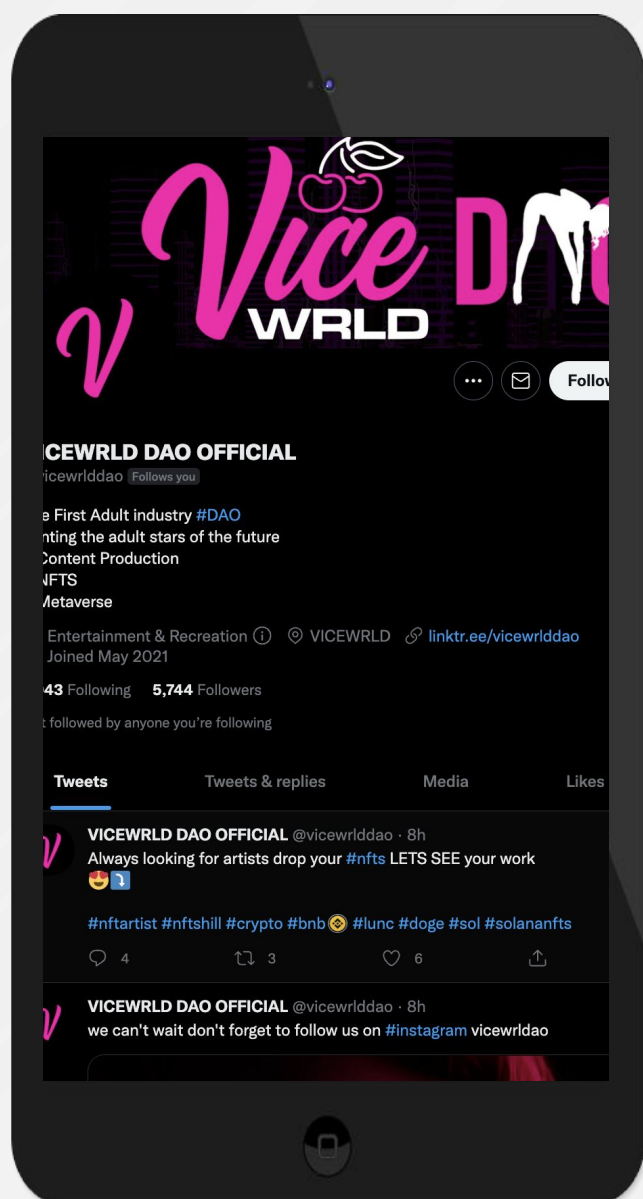


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media are active with organic activity



Twitter

@vicewrlddao

- 5 749 followers
- Very active
- Daily posts



Discord

@vicewrld

- 552 members
- Active community and mods



Telegram

@vicewrld_token

- 2 612 members
- Few active members
- Active mods



Medium

vicewrlddao.medium.com/

- New account
- 2 posts



SPYWOLF

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.